

FIG. 1

```

main ()
{
    procA();
    procB();
}
procA()
{
    procC(1);
}
procB()
{
    procC(3);
}
procC (int i)
{
    if (i>0)
    {
        print ("Hello");
    }
    return(i-1);
}
    
```

Arrows point from the code to labels: 110 points to the main function, 112a points to the first call to procA, 112b points to the call to procB, and 112c points to the call to procC.

FIG. 2

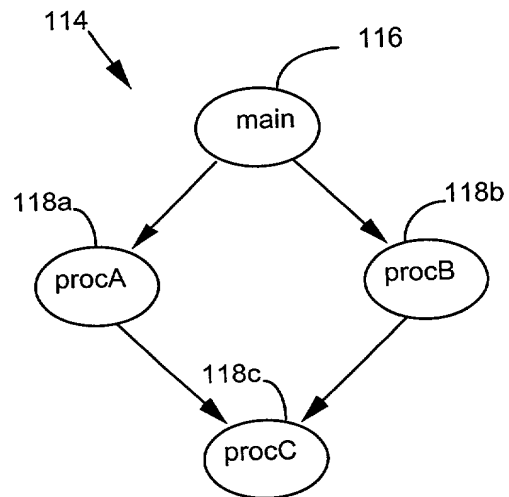


FIG. 3

120
122

```

[ 1] main (int argc, char* argv[])
[ 2] {
[ 3]     int arg = 1;
[ 4]     int badfiles = 0;
[ 5]     while (arg < argc)
[ 6]     {
[ 7]         if (fileExists(argv[arg]))
[ 8]             processFile(argv[arg]);
[ 9]         else
[10]         {
[11]             badfiles++;
[12]             print ("Skipping non-existent file.");
[13]         }
[14]         arg++;
[15]     }
[16] }
    
```

FIG. 4

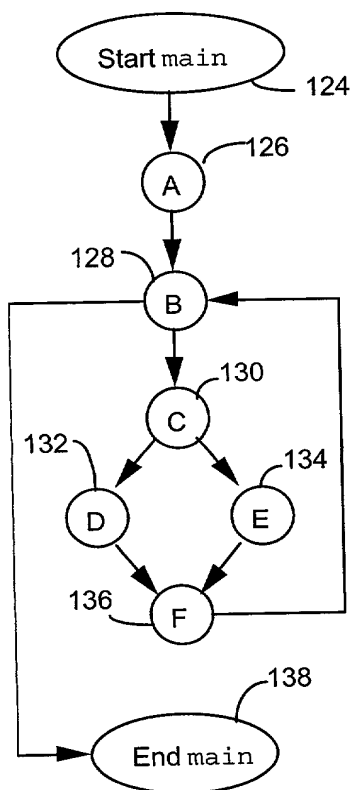


FIG. 5

120 STATEMENT	140 BASIC BLOCK	142 FIRST IN BLOCK
1	Start	yes
2	-	---
3	A	yes
4	A	no
5	B	yes
6	-	---
7	C	yes
8	D	yes
9	E	yes
10	-	---
11	E	no
12	E	no
13	-	---
14	F	yes
15	-	---
16	-	---

FIG. 6

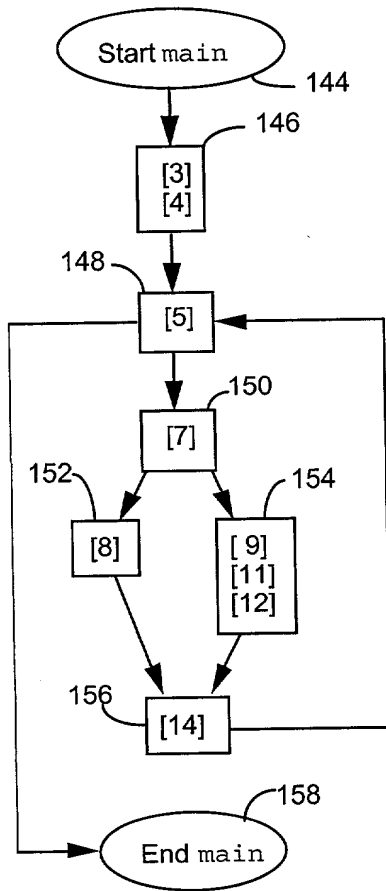


FIG. 7

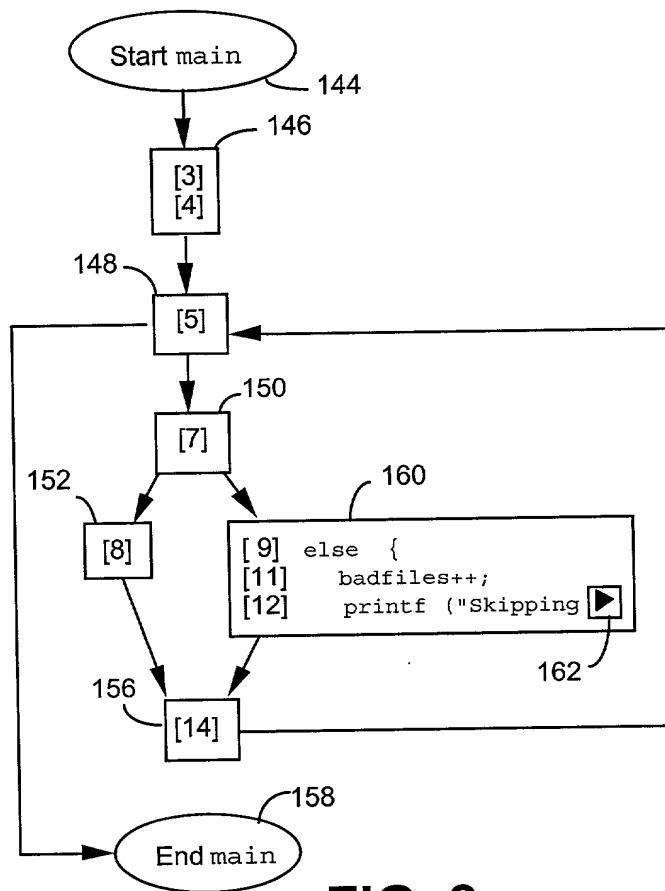


FIG. 8

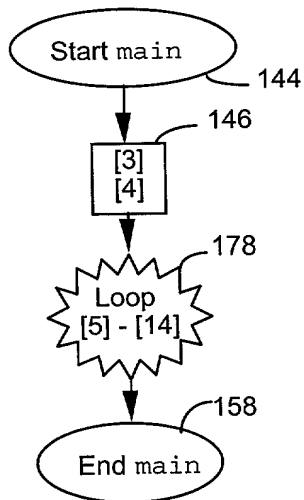


FIG. 10

0996901.092101



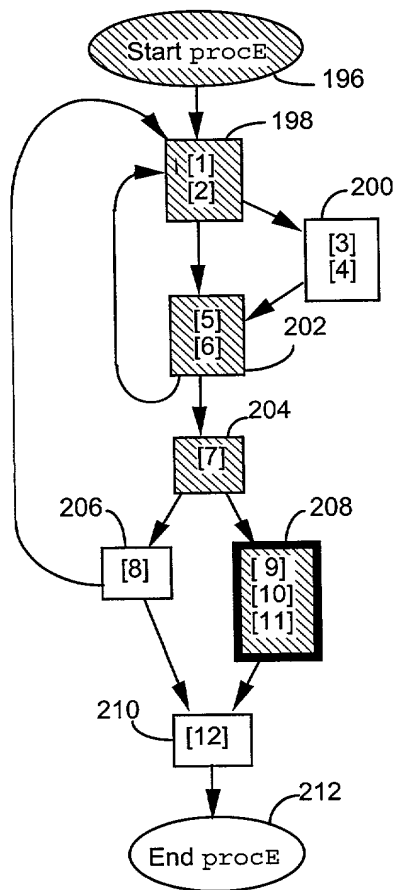


FIG. 12

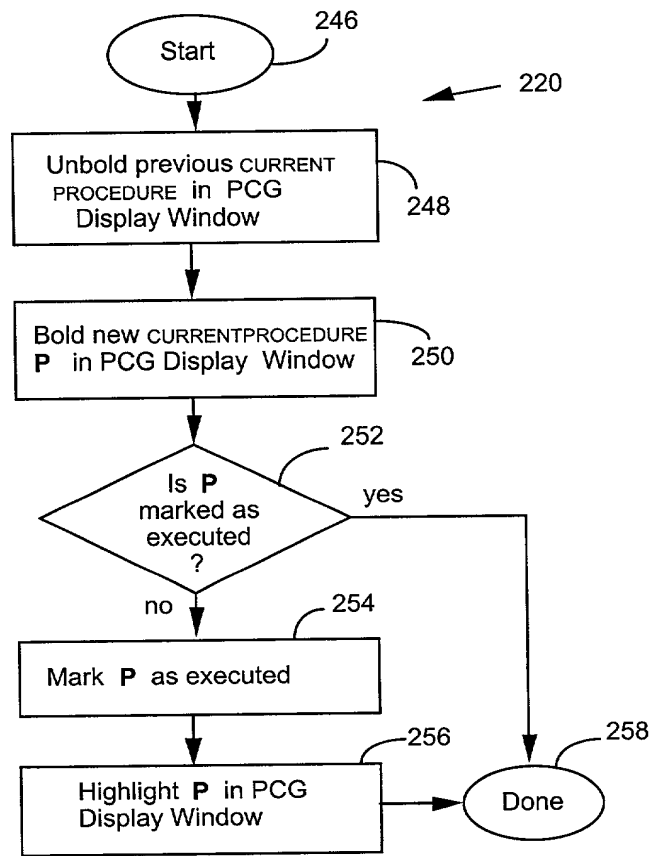


FIG. 14

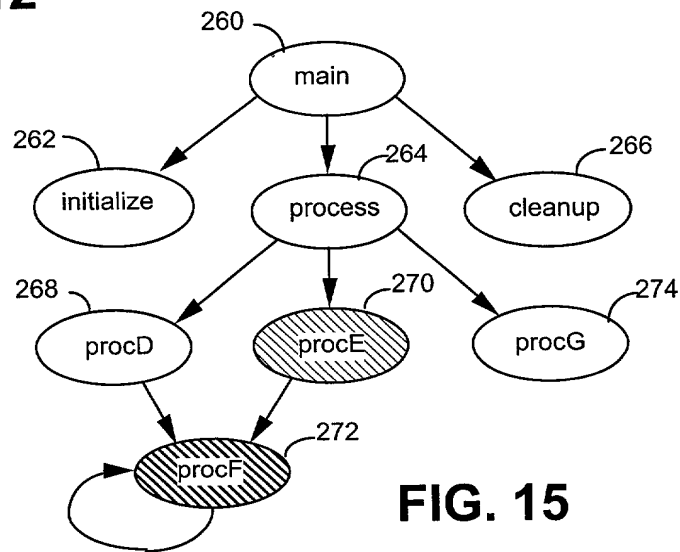


FIG. 15

FIG. 12

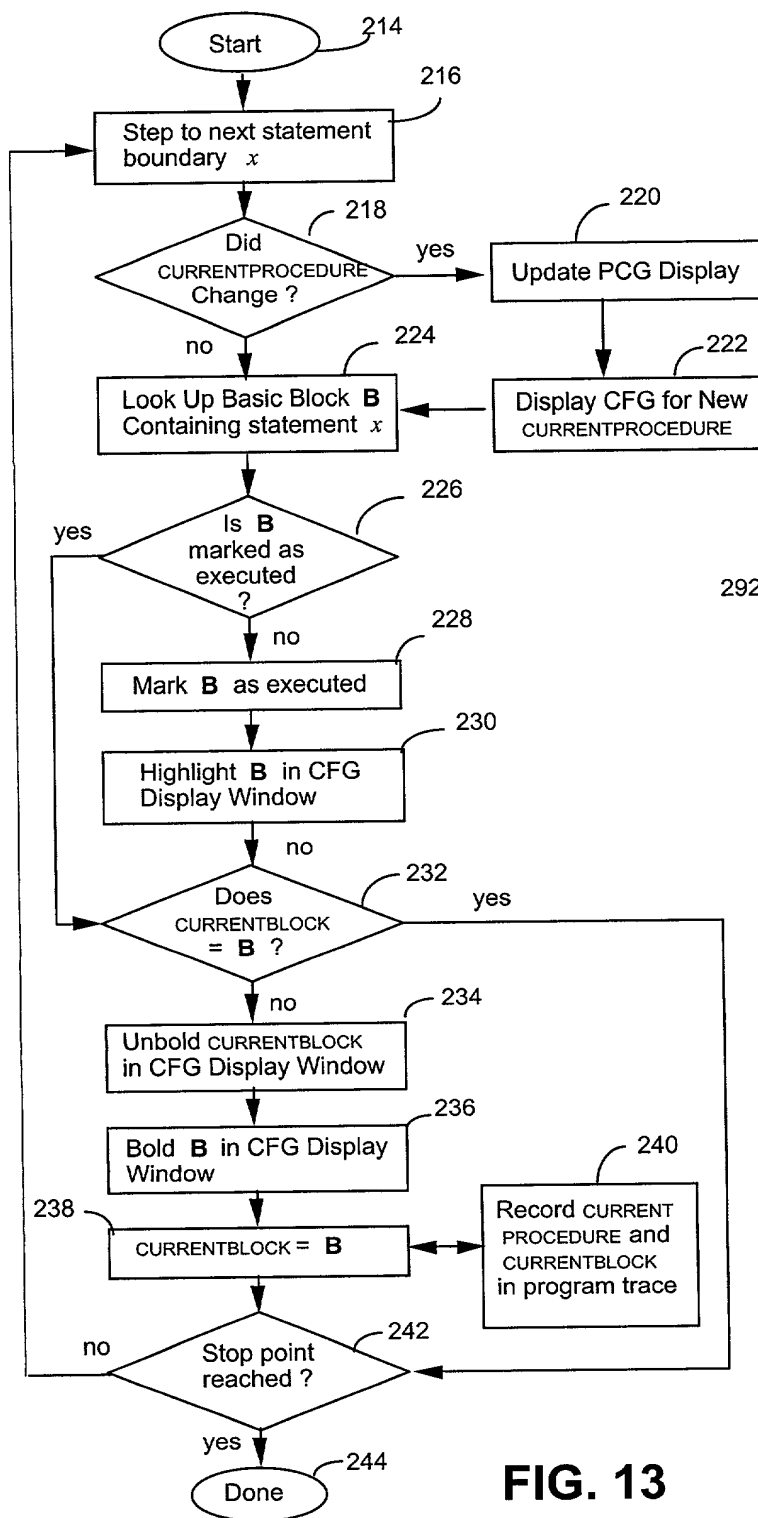


FIG. 13

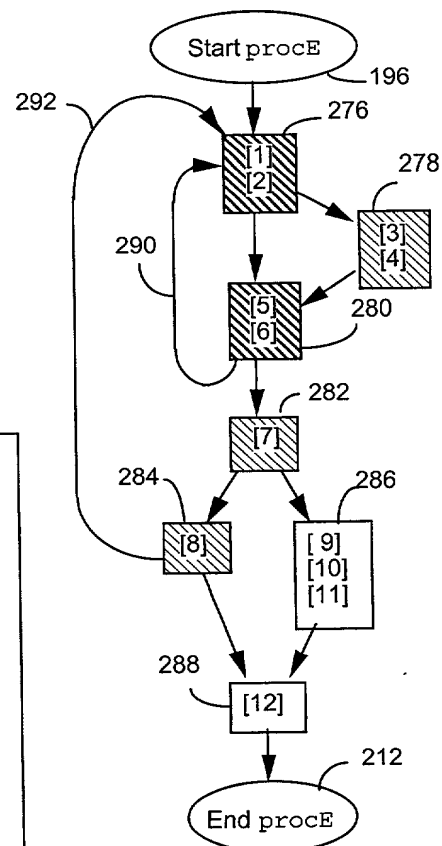


FIG. 16

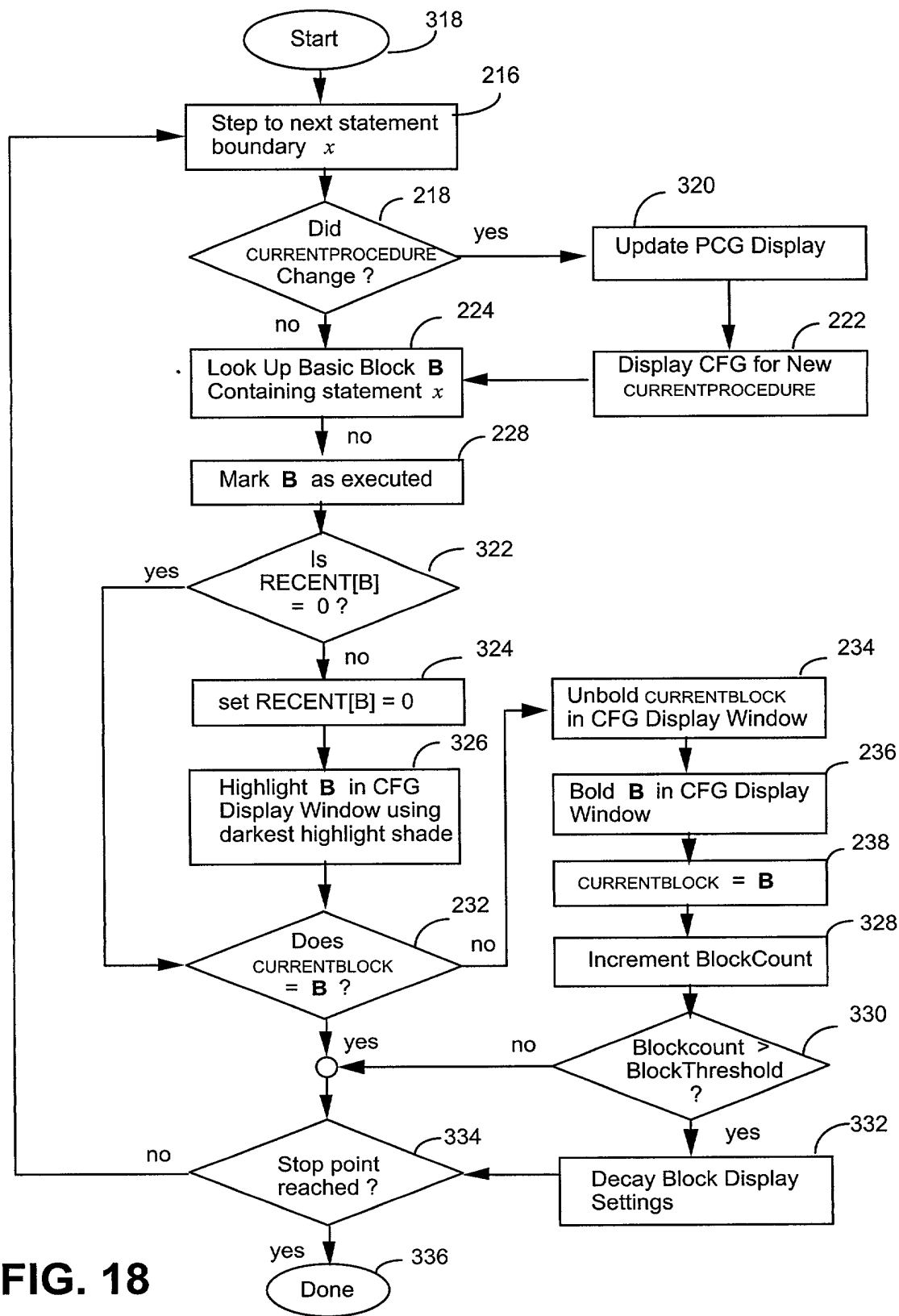


FIG. 18

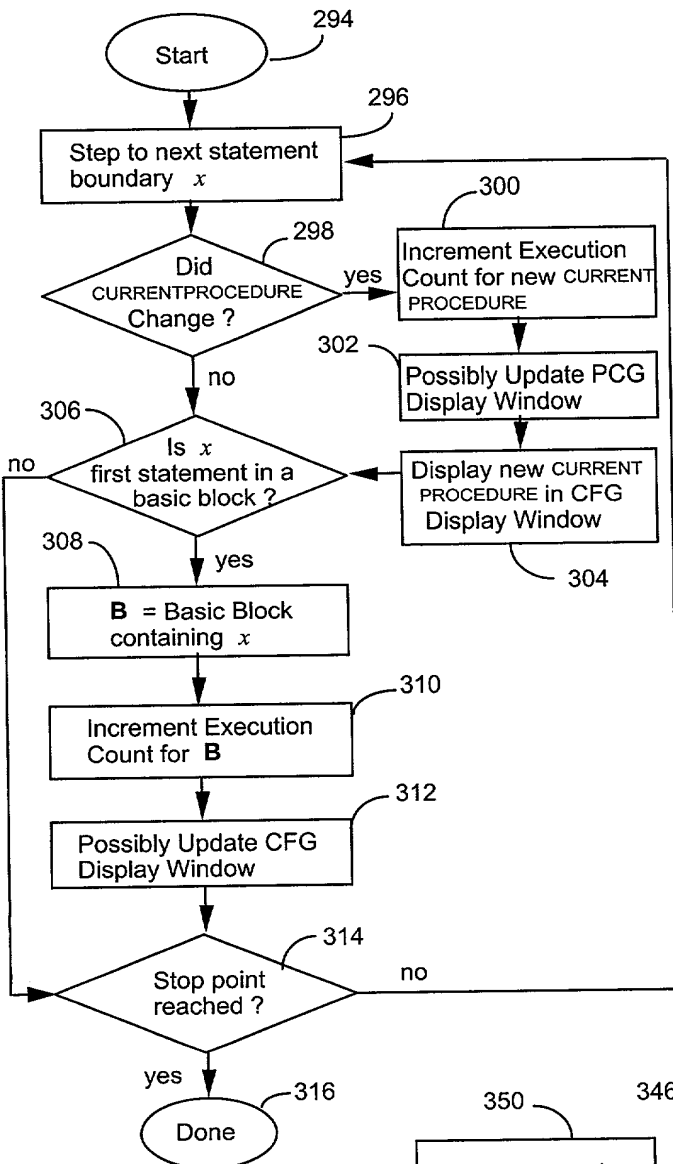


FIG. 17

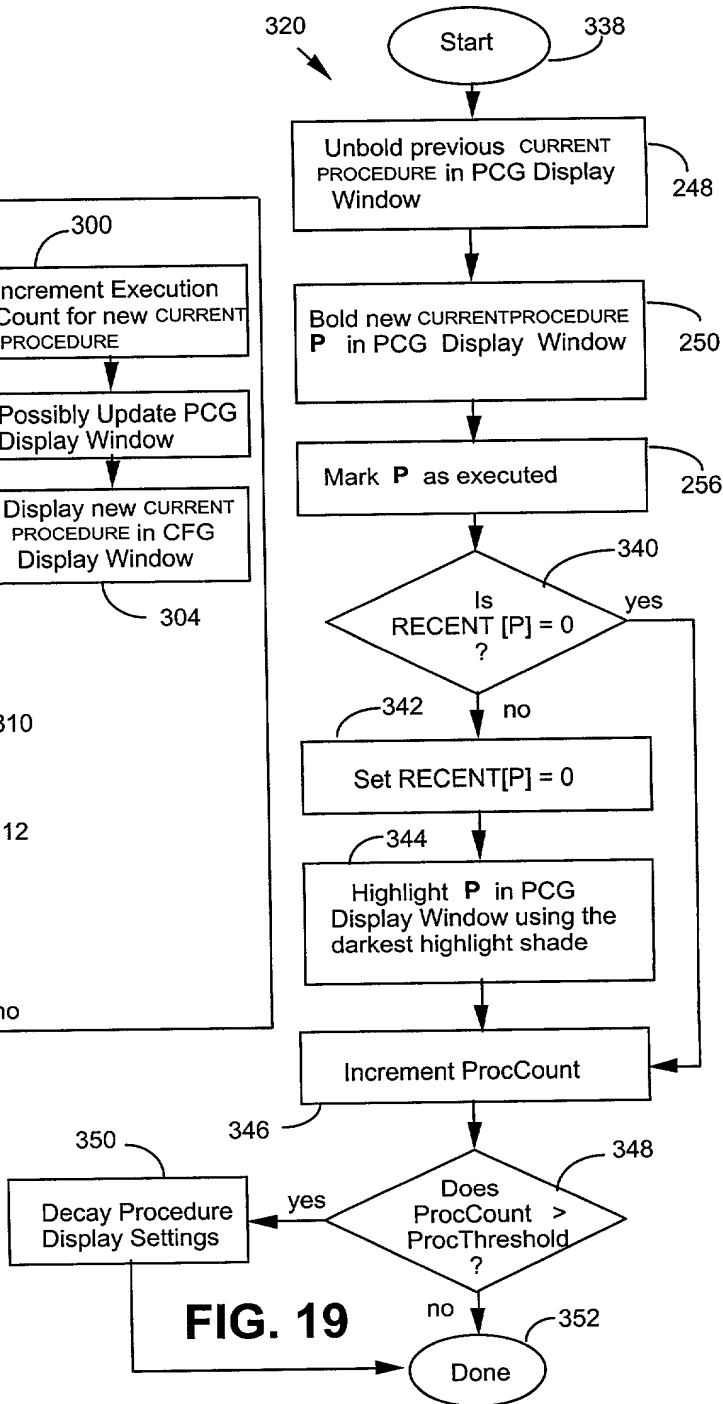


FIG. 19

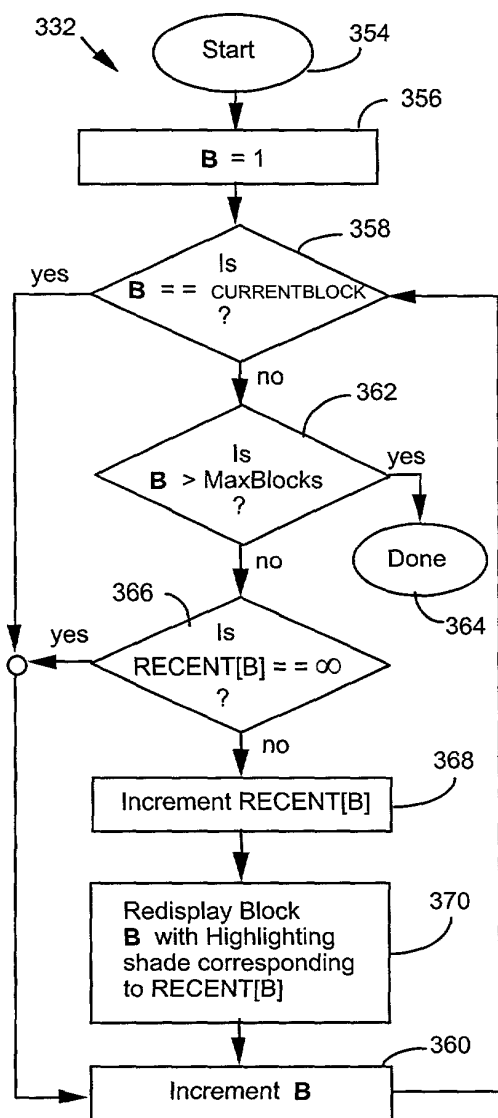


FIG. 20

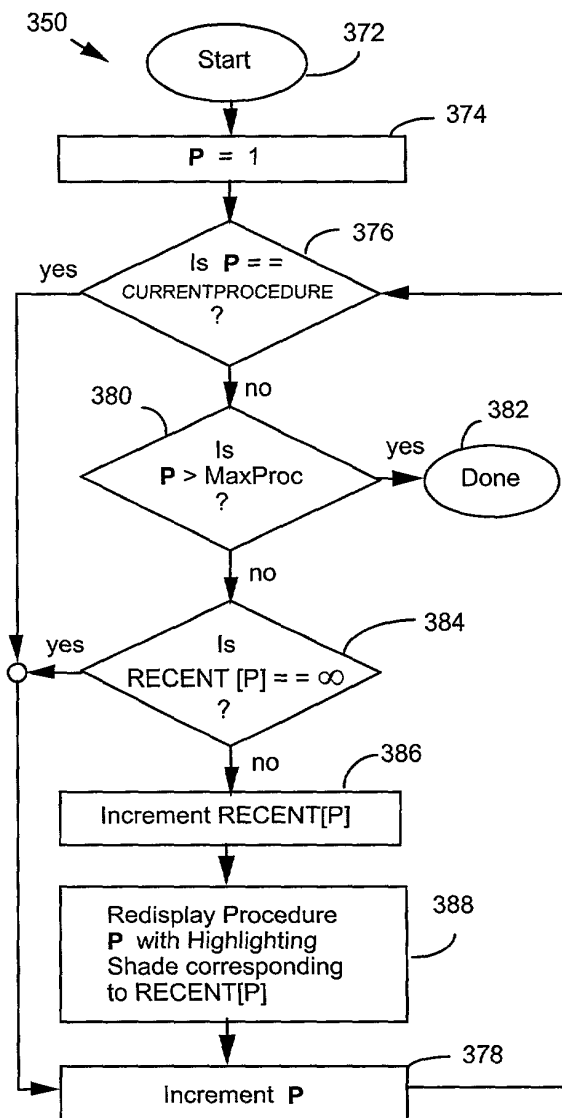


FIG. 21